

Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A balancing machine comprising a ~~shell or~~ frame suspension-mounted on a bed via elastic supports, a shaft rotatably supported by said frame at two points spaced a predetermined distance apart and having ~~that a first end emerging from the bed~~ provided with means for locking a wheel, and a second end connected to drive means for rotating said shaft, and at least two force ~~transducer means~~ applied transducers fixed between the bed and the ~~shaft frame~~, ~~characterised in that wherein~~ the drive means ~~are rigid with~~ comprise an electric motor fixed to and supported by the suspension-mounted frame, between the bed and frame there being interposed an elastic support comprising at least two coplanar leaf springs symmetrical about the axis of the shaft ~~axis~~ and positioned in a plane perpendicular to the plane containing the ~~axes~~ axis of said drive means, the axis of said shaft and ~~of~~ said transducer means.

2. (Currently Amended) A machine as claimed in claim 1, ~~characterised in that wherein~~ said drive means are

~~drive means of belt type, said elastic support comprising at least two coplanar leaf springs contained in the plane perpendicular to said belt drive means~~ include a belt transmission.

3. (Currently Amended) A machine as claimed in claim 1, ~~characterised in that~~ wherein the force transducer ~~means~~ transducers are applied on the same side of the shaft.

4. (Currently Amended) A machine as claimed in claim 1, ~~characterised in that~~ wherein the force transducer ~~means~~ transducers are applied on opposite sides of the shaft.

5. (Currently Amended) A machine as claimed in claim 1, ~~characterised in that~~ wherein the force transducer ~~means~~ transducers are ~~applied at the~~ spaced apart at a minimum distance feasible. ~~apart compatible with their overall size.~~

6. (Currently Amended) A machine as claimed in claim 1, ~~characterised in that~~ wherein the force transducer means are applied directly between the ~~shaft~~ frame and the bed.

Claims 7-9 (Canceled).

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Amendments to the Drawings:

The attached sheets of drawings includes changes to Fig. 2 and Fig. 3. These sheets of drawings replace the original sheets which include Figs. 1-7. In Fig. 2, previously omitted elements 31 and 81 have been added. In Fig. 3, previously omitted element 31 has been added.

Atatchment: Replacement Sheets (2)
Annotated Sheets Showing Changes